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no. 778

BULLETIN 778


MAY 1979

1978 INSPECTIONS OF

**FERTILIZER
PESTICIDE
AND FEED
PRODUCTS**

J. Gordon Hanna

STATE



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1978 Inspections of
Fertilizer, Pesticide and Feed Products

Data obtained by chemical analysis of officially collected samples of commercial feeds, fertilizers and pesticide formulations are contained in this report. The tables show the number of samples from each manufacturer (in parenthesis), the number of determinations made for each guaranteed ingredient, the number of deficiencies, and the average percent of claims for each component.

The deficiencies noted for feeds samples are based on the permitted variations recommended by the Association of American Feed Control Officials, the investigational allowances for fertilizers are those of the Association of American Plant Food Control Officials, and the permissive guarantee variations suggested by the Association of American Pesticide Control Officials are used for pesticide formulations.

Data for 424 samples of feed representing 70 manufacturers, 346 samples of fertilizer representing 49 manufacturers and 288 samples of pesticide representing 53 manufacturers are summarized.

The feed and fertilizer laws are administered by the Commissioner of Agriculture. The pesticide law is under the direction of the Commissioner of Environmental Protection.

Analytical work was by R. Botsford, M. Fuzesi, W. Glowa, R. Hastings, H. Kocaba, M. Pyles, S. Squires and G. Wilmes. The report was assembled and typed by C. Peet.

J. Gordon Hanna, Chief Chemist

Feed Manufacturer	Number of Claims				Number Not Met			Average % of Claims		
	Protein	Fat	Fiber	Total	Protein	Fat	Fiber	Protein	Fat	Fiber
Agway (92)	92	91	91	274	0	1	0	113	127	61
Alfa-Pet, Inc. (3)	3	3	3	9	2	0	0	121	200	68
Allen Products Co. (4)	4	4	4	12	0	1	0	122	107	56
Allied Foods, Inc. (2)	2	2	2	6	0	0	0	122	260	62
Allied Mills, Inc. (16)	16	16	16	48	0	0	0	110	138	59
Aquarium Stock Co. (1)	1	1	1	3	0	0	0	105	116	15
Aquatrol (1)	1	1	1	3	1	1	0	71	76	114
Armitage Bros., Ltd. (2)	2	2	2	6	1	0	0	104	272	32
Best Feeds & Farm Supplies (1)	1	1	1	3	0	0	0	102	109	95
Bloomfield Farmers Exchange (2)	2	2	2	6	0	0	0	113	119	64
Cadillac Pet Foods, Inc. (5)	5	5	5	15	0	0	0	114	119	56
Carbone Corp. (1)	1	1	1	3	0	0	0	128	105	59
Carnation Co. (56)	56	56	56	168	1	3	1	109	142	60
Central Conn. Co-op. (2)	2	1	1	4	0	0	0	123	118	62
Champion Valley Farms (6)	6	6	6	18	0	0	0	111	153	48
Dahlgren & Co. (1)	1	1	1	3	0	0	0	139	128	66
D & D Suet Seed Co. (1)	1	1	1	3	0	0	0	110	94	22
Deep Run Packing Co. (3)	3	3	3	9	0	0	0	114	110	42
Delta Pet Products (1)	1	1	1	3	0	0	0	130	104	97
Derby Feed Co. (1)	1	1	1	3	0	0	0	100	146	44
Eight In One Pet Prod. (2)	2	2	2	6	0	0	0	115	131	54
John W. Eshelman & Sons (10)	10	10	10	30	1	0	1	105	259	170
Farm Bureau Brand Feed (2)	2	2	2	6	0	0	0	116	135	59
R. T. French Co. (1)	1	1	1	3	0	0	0	80	606	32
Friend-Chips Products (1)	1	1	1	3	0	0	0	105	124	40
General Food Corp. (4)	4	4	4	12	0	0	0	113	154	38
Geisler Pet Products, Inc. (9)	9	9	9	27	2	0	0	123	411	52
Roy Goff & Co. (2)	2	2	2	6	0	0	0	116	173	71
Gro-Kote, Inc. (4)	4	4	4	12	0	0	1	105	176	127
HapEE Pet Food Co. (1)	1	1	1	3	0	0	0	107	117	45
Hardley Products Co., Inc. (1)	1	1	1	3	0	0	0	110	113	31
Hart Seed Co. (1)	1	1	1	3	0	0	0	101	107	32
Hartz Mountain Corp. (10)	10	10	10	30	3	2	0	100	236	73
Hyde Bird Feed Co. (1)	1	1	1	3	0	0	0	119	104	93
Kal Kan Foods (6)	6	6	6	18	0	1	0	119	125	23
K & L Feed Mill Corp. (10)	10	10	10	30	1	1	0	106	108	61
Kordon Corp. (1)	1	1	1	3	1	0	1	86	101	138
LaCrosse Milling Co. (1)	1	1	1	3	0	0	0	98	110	59
Liva-Snap, Inc. (1)	1	1	1	3	0	0	0	106	201	48

Feed Manufacturer	Number of Claims				Number Not Met			Average % of Claims		
	Protein	Fat	Fiber	Total	Protein	Fat	Fiber	Protein	Fat	Fiber
Maple Leaf Mills Co., Ltd (1)	1	1	1	3	0	0	0	110	229	71
MetaFrame Corp. (3)	3	3	3	9	0	0	0	137	278	36
Milk Specialties Co. (1)	1	1	1	3	0	0	0	100	102	250
Miller-Morton Co. (1)	1	1	1	3	0	0	0	113	117	47
Nabisco, Inc. (3)	3	3	3	9	1	0	0	107	145	56
New England Fish Co. (3)	3	3	3	9	0	0	0	121	303	28
L. M. Newfields Co., Inc. (1)	1	1	1	3	0	0	0	122	117	114
Oasis Pet Products (2)	2	2	2	6	0	0	0	124	127	58
October Farms (1)	1	1	1	3	0	0	0	113	112	53
Old Mother Hubbard Dog Food (1)	1	1	1	3	0	0	0	116	119	105
Peekskill Pet Supply (4)	1	1	1	3	0	0	0	288	111	106
Pet Towne Products (2)	2	2	2	6	0	0	0	124	216	53
Perk Foods Co. (1)	1	1	1	3	0	0	0	107	226	61
Quaker Oats Co. (1)	1	1	1	3	0	0	0	107	131	39
Ralston Purina Co. (17)	17	17	17	51	1	0	0	113	145	31
Riviana Foods, Inc. (3)	3	3	3	9	0	0	0	122	125	87
Rytman Grain Co., Inc. (5)	5	5	5	15	2	0	1	101	99	91
San Francisco Seamaster (1)	1	1	1	3	0	1	0	99	32	36
Source, Inc. (3)	0	0	0	0	-	0	0	-	-	-
Spirit Pet Products (2)	2	2	2	6	2	0	2	84	109	538
Stanford Seed Co. (4)	4	4	4	12	0	0	1	125	169	75
Suburban Plastics, Inc. (1)	1	1	1	3	1	1	0	95	23	57
Superior Pet Products, Inc. (2)	2	2	2	6	0	0	0	108	103	8
Tetra Sales Corp. (3)	3	3	3	9	0	0	0	113	159	33
Thermovac Industries (2)	2	2	2	6	0	0	0	108	119	6
Triumph Pet Industries (2)	2	2	2	6	0	1	0	108	61	77
United Co-op Farmers, Inc. (17)	17	17	17	51	1	0	1	106	126	74
VoToys, Inc. (3)	3	3	3	9	1	0	1	92	546	81
Wakefern Food Corp. (17)	17	17	17	51	2	0	0	114	144	41
H. K. Webster Co., Inc. (46)	46	46	46	138	2	0	0	107	134	64
Whitney Fidalgo Seafoods (2)	2	2	2	6	0	0	0	113	222	27
(424)	418	416	416	1250	26	13	10	111	158	64

Percent of claims deficient: 3.9

Fertilizer Manufacturer	Number of Claims			Number Not Met		Average % of Claims	
	N	P ₂ O ₅ ⁺ K ₂ O	Total	N	P ₂ O ₅ ⁺ K ₂ O	N	P ₂ O ₅ ⁺ K ₂ O
Agrico (30)	27	50	77	4	16	104.5	99.7
Agricultural Products Co. (3)	3	6	9	0	0	103.0	117.0
Agway (7)	7	12	19	0	0	101.0	127.2
Atlas Fish Fertilizer (1)	1	2	3	0	0	105.6	141.0
Cadwell & Jones (39)	37	67	104	11	21	98.6	99.6
Chamberlin & Barclay, Inc. (3)	3	6	9	2	1	60.8	130.3
Chevron Chemical Co. (28)	26	52	78	0	3	105.1	104.7
Chilean Nitrate Sales Corp. (2)	2	0	2	0	-	101.3	-
Clinton Nursery Products (14)	14	28	42	0	1	118.8	147.2
Continental Peat Co. (3)	3	6	9	0	0	109.3	201.2
Crestline International (3)	3	6	9	1	3	145.3	108.4
D. H. & R. Co., Inc. (4)	4	8	12	1	2	107.6	101.0
Downy Hollow Farm (1)	1	2	3	1	0	74.3	100.2
The Espoma Co. (12)	12	24	36	0	0	125.9	133.6
Faeszy & Besthoff, Inc. (3)	3	0	3	0	-	117.0	-
Fer-Mel Corp. (4)	4	7	11	0	2	111.9	101.2
Green Thumb Products Corp. (1)	1	2	3	0	0	132.0	112.4
Chas. C. Hart Seed Co. (3)	3	6	9	0	0	124.9	113.3
H & M Fertilizer (1)	1	2	3	0	0	108.5	107.3
A. H. Hoffman (4)	4	7	11	0	2	129.5	113.3
The Hyponex Co., Inc. (6)	6	12	18	0	0	112.5	108.3
The Hy-Trous Corp. (3)	3	6	9	0	0	116.2	116.0
International Spike Co. (1)	1	2	3	1	1	89.6	125.5
Kerr-McGee Corp. (24)	21	42	63	3	18	96.3	98.6
Lebanon Chemical Co. (26)	26	51	77	0	1	112.1	116.6
Leisure Group, Inc. (2)	2	4	6	1	2	125.5	111.9
The Libner Corp. (3)	3	6	9	1	2	130.3	104.3
3M Corporation (6)	6	12	18	0	0	111.8	106.4
Old Fort Industries (1)	1	2	3	0	0	140.0	126.5
Old Fox (18)	16	32	48	7	14	89.2	91.3
Robert Peters Co., Inc. (1)	1	2	3	0	0	110.1	106.7
Plantabbs Corp. (6)	6	12	18	0	0	112.0	109.6

Fertilizer Manufacturer	Number of Claims			Number Not Met		Average % of Claims	
	N	P2O5+ K2O	Total	N	P2O5+ K2O	N	P2O5+ K2O
RaPid-Gro Corp. (4)	4	8	12	0	0	102.3	102.0
Judd Ringer Corp. (3)	3	6	9	0	1	116.1	109.8
Rockland Chemical Co., Inc. (2)	2	4	6	1	2	109.4	104.2
Ross Plant Food (1)	1	2	3	0	0	99.3	110.0
Royster Co. (2)	2	4	6	0	0	112.2	123.5
Schultz Co. (2)	2	4	6	0	1	106.8	99.6
O. M. Scott & Sons (6)	6	12	18	0	0	100.8	113.2
Sewerage Commission of Mil. (1)	1	1	2	1	1	17.7	63.0
Sierra Chemical Co. (3)	3	6	9	0	0	109.5	125.9
Stanford Seed Co. (3)	3	6	9	1	1	110.9	106.9
Stern's Nurseries, Inc. (6)	6	12	18	1	1	103.6	104.9
Stim-U-Plant (2)	2	4	6	0	1	115.5	99.9
Swift Chemical Co. (11)	11	22	33	0	2	107.8	112.7
Swiss Farms, Inc. (11)	11	22	33	0	0	124.0	114.4
United, Div. Diamond Salt (1)	1	2	3	0	0	109.8	106.6
Venturi, Inc. (1)	1	0	1	0	-	180.0	-
Vigoro (2)	2	4	6	0	3	124.0	65.5
(324)	312	595	907	37	102	107.5	110.1
Percent of claims deficient: 15.3							

Manufacturer	Secondary and Minor Elements			Average % Of Claims
	Element Claimed	Number Of Claims	Number Not Met	
Agrico (1)	Magnesium	1	0	122
Agway (1)	Magnesium	1	0	167
	Zinc	1	0	210
Chevron (8)	Aluminum	1	0	109
	Boron	2	0	250
	Calcium	4	0	300
	Copper	1	0	92
	Iron	5	0	510
	Magnesium	4	0	281
	Manganese	4	0	386
	Zinc	5	0	264
D.H.&R. Co. (1)	Iron	1	0	96
Lebanon (1)	Iron	1	0	108
3M Corp. (1)	Boron	1	0	91
Plantabbs Corp. (3)	Iron	3	1	67
Stern's (1)	Iron	1	0	110
Swift (2)	Iron	2	0	145
Venturi (1)	Copper	1	0	308
	Iron	1	0	112
	Magnesium	1	0	176
	Zinc	1	0	126
Vigoro (2)	Iron	2	2	72
(22)		44	3	243
Percent of claims deficient:				6.8

Mixed Fertilizer Distribution

Tonnages of Fertilizer Materials and Mixed
Fertilizers Purchased During the Period of
July 1, 1977 - June 30, 1978July 1, 1977 - June 30, 1978

<u>Grade</u>	<u>Tons</u>	Chemical Nitrogen	
0-10-40	83	Ammonium Nitrate	111
0-15-30	285	Ammonium Sulfate	2
2-1-2	594	Calcium Nitrate	120
4-10-6	19	Nitrate of Soda	43
5-10-5	978	Nitrogen Solutions (28%)	711
		(30%)	104
		(32%)	63
5-10-10	2,558	Urea	3,662
7-7-7	48	Urea-formaldehyde	187
10-6-4	2,765	Other Nitrogen Materials 15%	1
10-10-10	6,351		5,004
10-20-10	569	Organics	
		Blood Meal	2
10-20-20	582	Castor Pomace	196
12-4-8	127	Compost	3,419
15-15-15	546	Cottonseed Meal	49
15-30-15	28	Dried Manures	575
18-6-6	49	Linseed Meal	12
		Sewage Sludge	961
20-5-10	161	Other Organics	1
20-10-5	72		5,215
20-10-10	349	Phosphates	
20-12-8	59	Ammonium Phosphate	1,697
20-20-20	7	Bonemeal	31
		Dicalcium Phosphate	2,438
24-4-8	551	Phosphate Rock	4
25-5-10	216	Superphosphate 20%	94
26-3-3	2,310	Superphosphate 40%	427
26-4-6	105	Other Phosphate Material	55
32-0-0	175		4,746
Miscellaneous*	23,610	Potash	
		Carbonate of Potash	17
		Muriate of Potash	2,507
		Nitrate of Potash	38
		Sulfate of Potash-magnesia	2
		Other Potassium Materials 44%	5
			2,569
		Secondary and Micronutrients	
		Aluminum Sulfate	2
		Borax	17
		Copper Sulfate	1
		Gypsum	80
		Iron	1
		Magnesia	6
		Manganese	1
		Zinc	5
			113
		Total	17,647
		Commercial Mixtures	43,197
		Total	60,844
Total	43,197		

*Small amounts or reported by
fewer than three manufacturers

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Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Agricultural Products Co. (4)	Captan	2	0	100
	Carbaryl	3	0	103
	Folpet	1	0	101
	Malathion	3	0	101
	Methoxychlor	1	0	106
	Sulfur	1	0	102
	Zineb	1	0	101
Air Shields, Inc. (1)	Quaternary ammonium compounds	1	0	133
Ambion Corporation (3)	o-Benzyl-p-chloro- phenate	1	0	99
	o-Phenylphenate	1	0	86
	Quaternary ammonium compounds	2	0	99
Amchem Products, Inc. (4)	Amitrole	2	0	100
	2,4-D	1	0	102
	2,4-D, dicamba	1	0	103
Black Leaf Products Co. (23)	Captan	3	0	102
	Carbaryl	7	0	103
	Chlordane	1	0	103
	2,4-D	1	0	108
	2,4-D+dicamba	1	0	108
	2,4-D+silvex	1	0	102
	Diazinon	2	0	104
	Folpet	1	0	116
	o-Isopropoxyphenyl methylcarbamate	1	1	71
	Karathane	1	0	96
	Kelthane	1	0	108
	Lindane	1	0	105
	Malathion	4	1	95
	Maneb	2	0	100
	Metaldehyde	1	0	98
	Metasystox R	1	0	102
	Methoxychlor	4	0	103
	N-Octylbicycloheptene dicarboximide	1	0	106
	Piperonyl butoxide	2	0	98
	Pyrethrins	2	0	99
	Rotenone	1	0	101
Bonide Chemical Co. (27)	Ammonium sulfamate	1	0	101
	Benomyl	1	0	99
	2-Butoxy-2'-thiocyanodi- ethyl ether	2	0	106
	Cadmium chloride	1	1	85

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Bonide Chemical Co. (27)	Captan	2	0	103
	Carbaryl	7	0	103
	Chlordane	2	0	108
	Chlorpyrifos	1	0	102
	Copper	2	0	97
	2,4-D+silvex	1	0	104
	Diazinon	1	0	104
	Folpet	3	0	100
	Kelthane	2	0	99
	Malathion	5	0	102
	Maneb	1	0	102
	Methoxychlor	3	0	103
	N-Octylbicycloheptene dicarboximide	1	0	107
	Piperonyl butoxide	3	0	89
	Pyrethrins	3	0	106
	Rotenone	2	0	97
	Thiram	2	1	49
Boyle-Midway (1)	2-Hydroxyethyl-n-octyl sulfide	1	0	101
	Resmethrin	1	0	100
The Charger Corporation (4)	Chlorophenols	3	0	105
	Copper	1	0	100
Chemagro Agricultural Div. (2)	Carbofuran	1	0	100
	O,S-Dimethyl phosphoroamidothioate	1	0	103
Chevron (24)	Acephate	1	0	105
	Captan	4	0	120
	Carbaryl	4	0	103
	2,4-D+2(2-methyl-1,4- chlorophenoxy) propionic acid	1	0	105
	Diazinon	2	0	100
	Dimethyltetrachloro- terephthalate	2	0	104
	Dodecylammonium arsonate+octylammonium arsonate	1	0	104
	Dursban	1	0	99
	Folpet	1	0	103
	Kelthane	3	0	102
	Lindane	1	0	104
	Malathion	2	0	103
	Mesuroil	1	0	105
	Metaldehyde	1	0	124

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Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Chevron (24)	Metasystox R	1	0	102
	Methoxychlor	2	0	101
	N-Octylbicycloheptene			
	dicarboximide	1	0	112
	Pentachlorophenol	1	0	103
	Piperonyl butoxide	1	0	100
	Prometon	1	0	101
	Pyrethrins	1	0	96
	Resmethrin	1	0	113
	Rotenone	1	0	101
Ciba-Geigy Corporation (5)	Diazinon	4	0	102
	Simazine	1	0	101
Clinipad Corporation (1)	Quaternary ammonium compounds	1	0	115
Contact Industries (6)	Methylnonyl ketone	6	1	92
Cosmetic Manufacturing Corp. (1)	Bug Bait	0	-	-
Crystalab, Inc. (3)	Quaternary ammonium compounds	3	0	121
The d-Con Co., Inc. (4)	d-trans-Allethrin	1	0	96
	2-Hydroxyethyl-n- octyl sulfide	1	0	102
	N-Octylbicycloheptene			
	dicarboximide	3	0	104
	Piperonyl butoxide	3	0	106
	Pyrethrins	2	0	102
	Resmethrin	1	0	102
Dexol Industries (1)	Methoprene	1	0	105
	Resmethrin	1	0	101
Diamond Shamrock Corp. (1)	Dacthal	1	0	101
C. B. Dolge Co. (37)	Arsenic, water soluble	1	0	98
	o-Benzyl-p-chloro- phenol	7	0	102
	2,4-D	1	0	101
	2,4-D+2(2-methyl-4- chlorophenoxy) propionic acid	1	0	95
	Diazinon	3	0	100
	Isopropanol	7	0	106
	o-Isopropoxyphenyl methyl carbamate	3	0	108

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
C. B. Dolge Co. (37)	Malathion	1	0	99
	Monuron trichloro- acetate	2	0	103
	N-Octylbicycloheptene dicarboximide	6	0	109
	o-Phenylphenol	4	0	107
	Piperonyl butoxide	11	0	109
	Pyrethrins	6	0	106
	Quaternary ammonium compounds	3	0	95
Dow Chemical Co. (5)	Chlorpyrifos	4	0	102
	Picloram	1	0	97
	2,4,5-T	1	0	101
Empire Exterminating Co. (1)	Chlordane	0	-	-
	Heptachlor	0	-	-
Faesy & Besthoff, Inc. (2)	Carbaryl	1	0	100
	Naphthalene	1	0	98
Farnum Companies (3)	N-Octylbicycloheptene dicarboximide	3	0	106
	Piperonyl butoxide	3	0	103
	di-n-Propyl isocinchomeronate	3	3	0
	Pyrethrins	3	0	103
Fisons, Inc. (4)	2,2-Dimethyl-1,3- benzodioxol-4-ol- methylcarbamate	4	0	102
FMC Corporation (6)	Endosulfan	1	0	101
	Malathion	4	4	25
	Sevin	5	0	103
	Zineb	5	0	95
PBI/Gordon Corporation (11)	Carbaryl	3	0	101
	Chlorpyrifos	1	0	98
	2,4-D+dicamba+			
	2(2-methyl-4-chloro phenoxy) propionic acid	1	0	111
	Dodecylammonium methanearsonate+			
	methanearsonate	1	0	99
	Malathion	1	0	102
	Methylnonyl ketone	1	0	111

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
PBI/Gordon Corporation (11)	Piperonyl butoxide	1	0	104
	Resmethrin	1	0	120
Hubbard Hall Chemical Co. (3)	Malathion	1	0	102
	Sodium hypochlorite	2	2	63
Hub State Corporation (1)	Dursban	1	0	108
	Vapona	1	0	121
J. M. Company (2)	Boric acid	2	0	102
S. C. Johnson & Son, Inc. (4)	d-trans-Allethrin	1	0	103
	Baygon	2	0	97
	2-Hydroxyethyl-n-octyl sulfide	1	0	102
	Piperonyl butoxide	1	0	110
	Pyrethrins	1	0	100
	Resmethrin	1	0	93
H. Krevit & Co. (2)	Sodium hypochlorite	2	2	71
McKesson Laboratories (2)	Oil of Citronella	0	-	-
Modern Pool Products, Inc. (5)	Calcium hypochlorite	2	0	99
	Diclon	2	0	102
	Quaternary ammonium compounds	1	0	95
Northeast Pest Control, Inc. (1)	Diazinon	0	-	-
Parrott Chemical Co. (1)	Malathion	1	0	105
	Methoxychlor	1	0	103
Pest Control Products of Ct. (1)	O,O-Diethyl-O-(2-isopropyl-4-methyl-6-pyrimidinyl) phospho thioate	1	0	102
	Piperonyl butoxide	1	0	101
	Pyrethrins	1	0	115
B. G. Pratt (12)	Carbaryl	1	0	104
	Chlordane	1	0	91
	Cygon	1	0	102
	4,6-Dichloro-N(2-chlorophenyl)-1,3-triazine-2-amine	1	0	102
	O,O-Diethyl-S-[2(ethylthioethyl)] phosphorodithioate	1	0	99

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
B. G. Pratt (12)	o-Isopropoxyphenyl methyl carbamate	2	2	76
	Kelthane	1	0	99
	Piperonyl butoxide	1	0	98
	Pyrethrins	2	0	97
	Resmethrin	1	0	104
	Rotenone	1	0	103
Ralston Purina Co. (12)	Captan	2	0	104
	Carbaryl	4	0	102
	Chlorpyrifos	3	0	101
	Diazinon	1	0	103
	Malathion	3	2	87
	Methoxychlor	2	0	103
	N-Octylbicycloheptene dicarboximide	2	0	138
	Piperonyl butoxide	3	0	102
	Pyrethrins	2	0	100
	Trifluralin	1	0	86
	Zineb	1	0	105
Residex Corporation (3)	Chlorpyrifos	1	0	99
	Dursban	2	0	101
Rite Off, Inc. (9)	Chlorpyrifos	3	0	107
	Piperonyl butoxide	9	0	96
	Pyrethrins	9	0	102
Rohm and Haas (2)	Azinphos	1	0	101
	Manganese	1	0	106
	Zinc	1	0	140
Roebic Laboratories, Inc. (2)	Copper sulfate	2	0	101
Sanitary Products Corporation (6)	Quaternary ammonium compounds	6	0	99
Seacoast Laboratories, Inc. (1)	Diazinon	1	0	101
Sentinel Chemical Corporation (2)	Sodium dithiocarba- mates	2	0	97
Stauffer Chemical Co. (1)	Captan	1	0	102
Swift Chemical Co. (6)	Captan	1	0	100
	Carbaryl	3	0	103
	Malathion	2	0	105
	Maneb	1	0	98

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Swift Chemical Co. (6)	Rotenone	2	0	118
	Sulfur	1	0	105
	Zineb	1	0	102
Terminex Corporation (4)	Diazinon	1	1	31
	Sevin	3	0	98
Union Carbide Corp. (2)	Carbaryl	2	0	110
Upjohn Company (2)	Botran	1	0	102
	Diphenamid	1	0	101
Uniroyal Chemical Co. (4)	Omite	1	0	101
	Propargite	3	0	100
Velsicol Chemical Corp. (10)	Chlordane	10	0	101
	Heptachlor	2	0	101
Why Not Industries (4)	Diazinon	2	0	109
	o-Isopropylphenyl methylcarbamate	2	0	103
	N-Octylbicycloheptene dicarboximide	2	0	107
	Piperonyl butoxide	4	0	99
	Pyrethrins	4	0	101
(288)		434	21	100

Percent of claims deficient: 4.8



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